

CLAMP

TAIL ROTOR INSTALLATION TOOL

DREIO5 317371 W/3 3

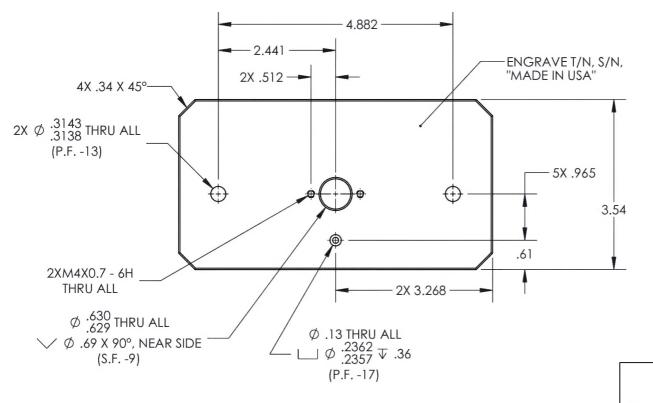
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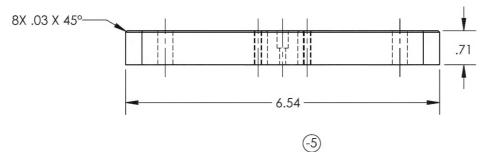
KDL103-317371-443-3					
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8				
FINISH CLEAR ANODIZE	.XX ± .01 ANGLES ±.5° .X ± .1 SURFACES = 125/				
SPEC MIL-A-8625F, TYPE II, CLASS I	1. BREAK ALL SHARP EDGES				
DRAWN BY: CLOUGH	.015 x 45° OR .015R				

2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 CHECKED: DUERFELDT OPPS APPR: ANDERSON QA APPR: USED ON MODEL LINDSAY APPROVED: MACKOVJAK EC145

SCALE DATE 1:2 8/26/2010 SHEET 2 OF 6 This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

	REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED		
2	17-0038	-5 CH'D DIM'S WAS 4X .335 X 45° IS 4X .34 X45°, WAS 2X Ø.3143/.3138 IS 2X Ø.3143/.3138 THRU ALL (P.F13), WAS 3.543 IS 3.54, WAS .610 IS .61, WAS Ø.6300/.6295 P.F13 CHAMFER .03 IS Ø.630/.629 THRU ALL ✓ Ø.69 X 90° NEAR SIDE (S.F9), WAS Ø.125 THRU L ↓ Ø.2362/.2357 ▼.364 IS Ø.13 THRU ALL ↓ Ø.2362/.2357 ▼.36 (P.F17), WAS .709 IS .71, WAS 6.535 IS 6.54. DELETED DIM 5X 1.575. ADDED DIM'S 5X .965. 8X .03 X 45°.	2/10/2017	RJC	SM		





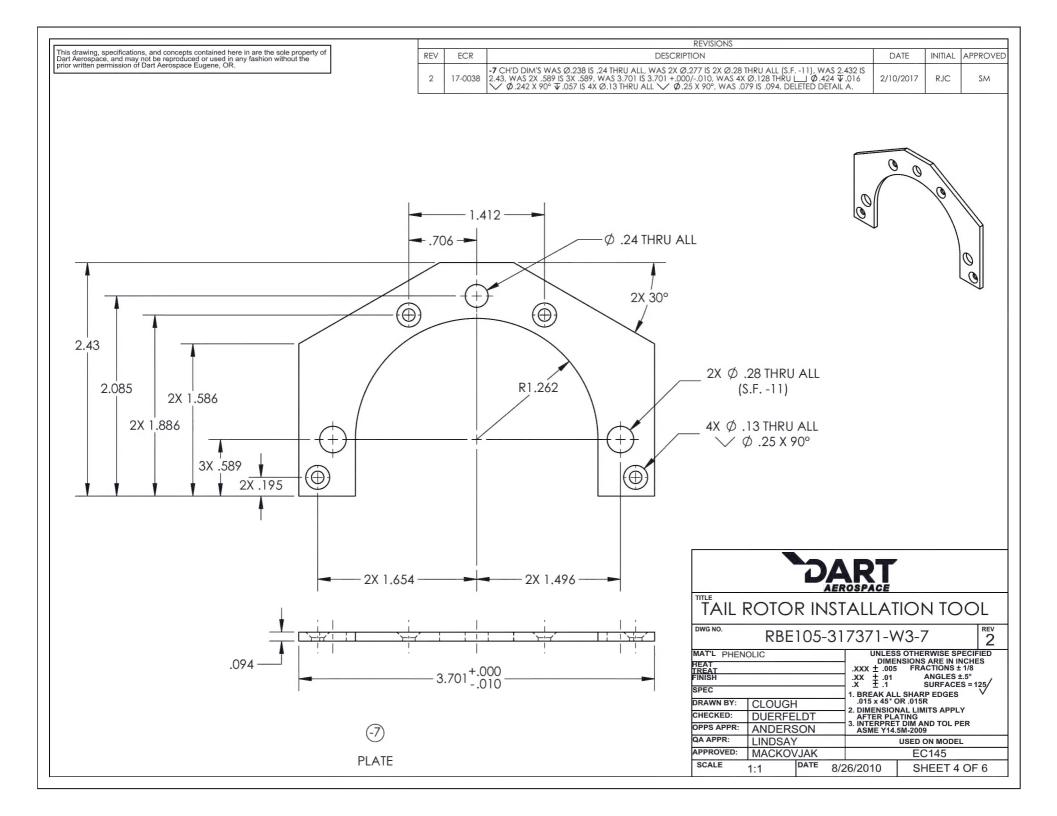
BASE



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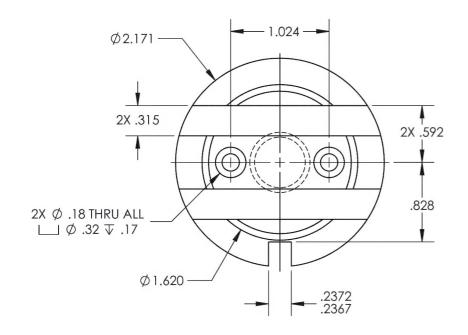
TAIL ROTOR INSTALLATION TOOL

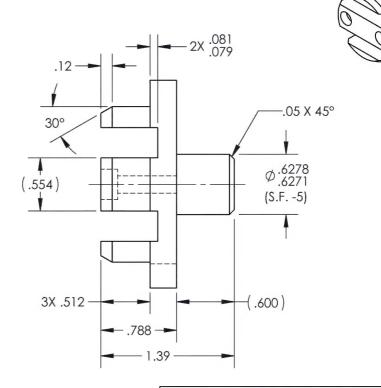
RBE105-317371-W3-5				V3-5	2	
MAT'L 6061 HEAT IREAT FINISH CLEAR ANODIZE			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX + .005 FRACTIONS ± 1/8			
			.XX ± .01 .X ± .1	25/		
SPEC MIL-A-8625F, TYPE II, CLASS I			1. BREAK ALL SHARP EDGES			
DRAWN BY:	CLOUGH		.015 x 45° C			
CHECKED:	DUERFE	LDT	AFTER PLA			
OPPS APPR:	ANDERS	SON	3. INTERPRE ASME Y14.	T DIM AND TOL PER 5M-2009		
QA APPR:	LINDSAY	,		USED ON MODEL		
APPROVED:	MACKO\	/JAK		EC145		
SCALE	1:2	DATE 8/2	26/2010	SHEET 3 OF	6	
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	REVISIONS						
R	REV ECR DESCRIPTION				INITIAL	APPROVED	
	2		-9 CH'D DIM'S WAS 2X Ø.173 THRU ☐ Ø.317 ▼.174 IS 2X Ø.18 THRU ALL ☐ Ø.32 ▼.17, WAS .512 IS 3X .512, WAS .554 IS (.554). WAS Ø.6295/.6290 P.F7 IS Ø.6278/.6271 (S.F5), WAS .081/.079 IS 2X .081/.079, WAS .118 X 30° IS .12 X 30°, WAS .049 X 45° IS .05 X 45°. DELETED DIM .276. ADDED DIM 1.39, (.600).	2/10/2017	RJC	SM	





SPEC



RBE105-317371-W3-9 MAT'L WHITE DELRIN/ACETAL UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

.XXX ± .005 FRACTIONS ± 1/8

.XX + .01 ANGLES ± .5°

.X ± .1 SURFACES = 125/

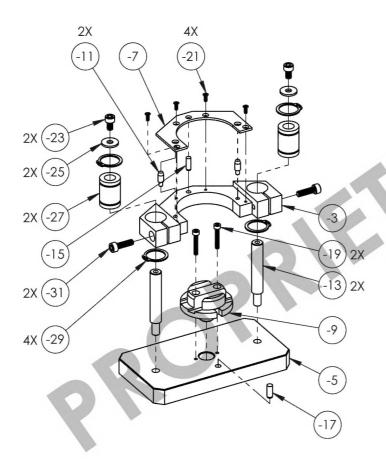
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 DRAWN BY: CLOUGH CHECKED: DUERFELDT OPPS APPR: ANDERSON

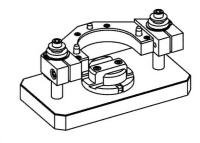
QA APPR: USED ON MODEL LINDSAY APPROVED: MACKOVJAK EC145 SCALE 8/26/2010 SHEET 5 OF 6 1:1

(-9)

**ADAPTER** 

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Part #	UNIT	Description	Material
-3	1	CLAMP	6061
-5	1	BASE	6061
-7	1	PLATE	PHENOLIC
-9	1	ADAPTER	WHITE DELRIN/ACETAL
-11	2	ALIGNMENT PIN	01
-13	2	GUIDE	5210
-15 1		DOWEL PIN	STEEL
-17	1	DOWEL PIN	STEEL
-19	2	SOCKET HEAD CAP SCREW	STEEL
-21	4	FLAT HEAD SCREW	STEEL
-23	2	SOCKET HEAD CAP SCREW	S.S.
-25	2	OVERSIZED FLAT WASHER	STEEL
-27	2	LINEAR BEARING	STEEL
-29	4	EXTERNAL RETAINING RING	STEEL
-31	2	SOCKET HEAD CAP SCREW	STEEL



AEROSPACE

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TAIL ROTOR INSTALLATION TOOL

DWG NO.			REV		
RBE	105-31	7371-W3	2	CUSTOM	ER 1 OF 1
SCALE	1:4	DATE 8/26/	2010	SHEET	6 OF 6